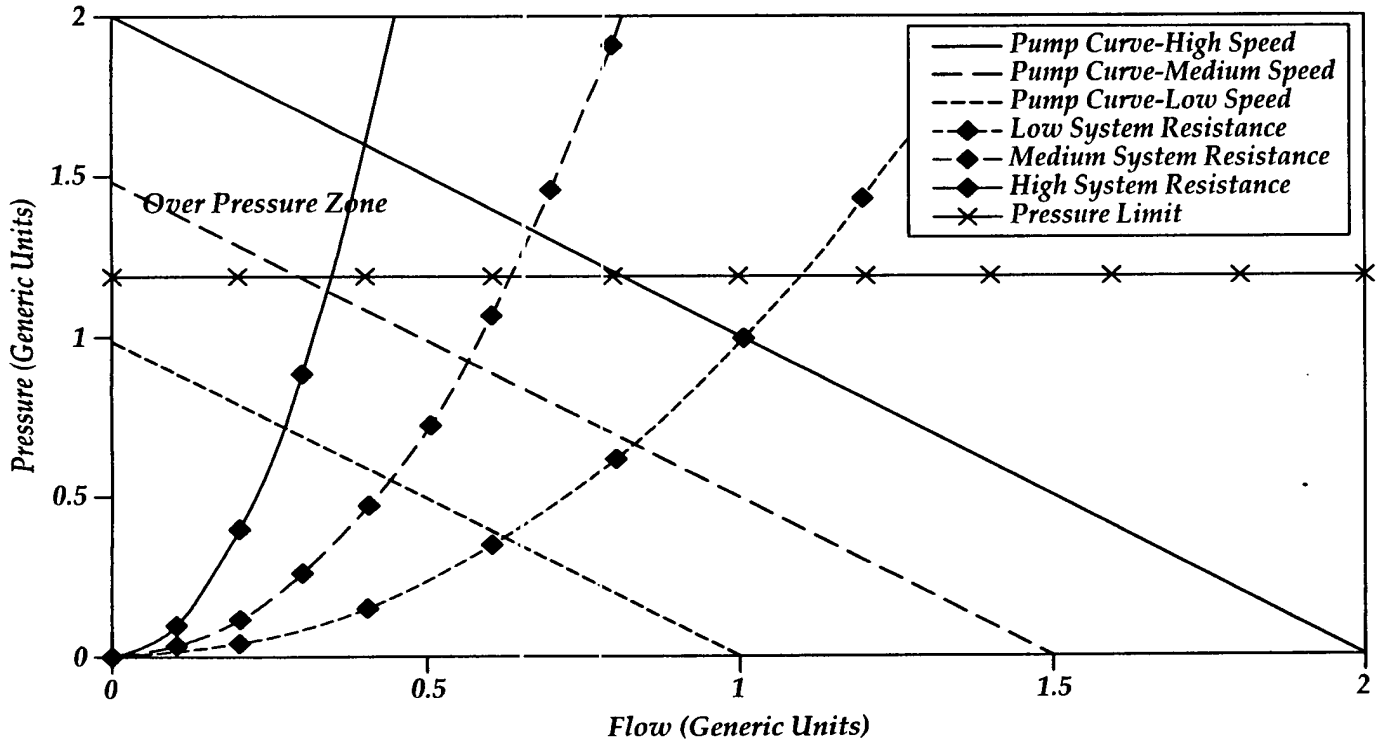
Pump Curve-High Speed
Pump Curve-Medium Speed
Pump Curve-Low Speed
Low System Resistance
Medium System Resistance
High System Resistance
Pressure Limit
Over Pressure Zone
Pressure (Generic Units)
Flow (Generic Units)
0
0.5
1
1.5
2

Figure 1

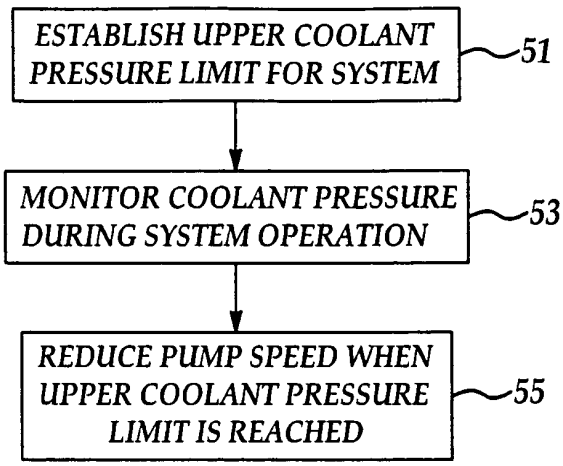
ESTABLISH UPPER COOLANT PRESSURE LIMIT FOR SYSTEM
51
MONITOR COOLANT PRESSURE DURING SYSTEM OPERATION
53
REDUCE PUMP SPEED WHEN UPPER COOLANT PRESSURE LIMIT IS REACHED
55

Figure 2

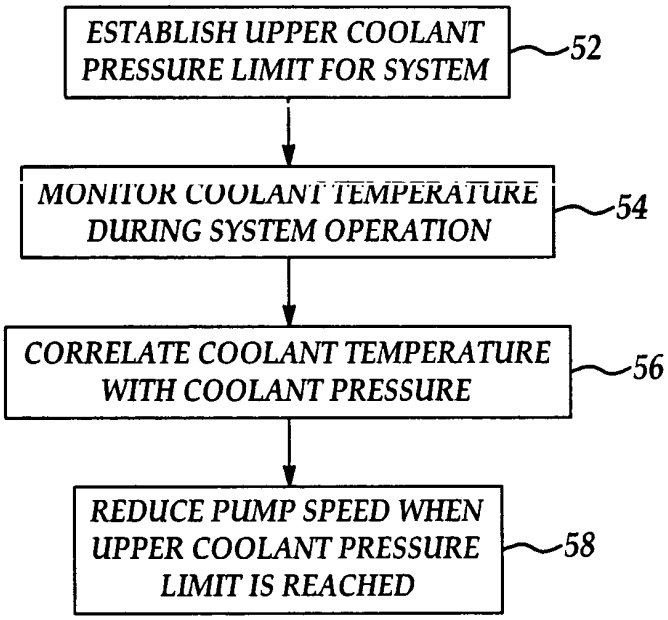
ESTABLISH UPPER COOLANT PRESSURE LIMIT FOR SYSTEM
52
MONITOR COOLANT TEMPERATURE DURING SYSTEM OPERATION
54
CORRELATE COOLANT TEMPERATURE WITH COOLANT PRESSURE
56
REDUCE PUMP SPEED WHEN UPPER COOLANT PRESSURE LIMIT IS REACHED
58

Figure 3

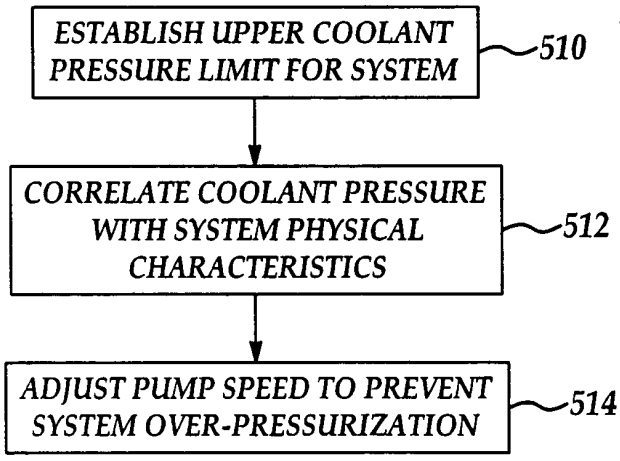
ESTABLISH UPPER COOLANT PRESSURE LIMIT FOR SYSTEM
510
CORRELATE COOLANT PRESSURE WITH SYSTEM PHYSICAL CHARACTERISTICS
512
ADJUST PUMP SPEED TO PREVENT SYSTEM OVER-PRESSURIZATION
514

Figure 4